

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	Nemont Bainville Culbertson Exchange Fiber Optic Upgrade
Proposed Implementation Date:	2013
Proponent:	Nemont Telephone Cooperative
Location:	T27N-R56E-Sec 10, 15, 22, 23, 24, 27
County:	Richland County

I. TYPE AND PURPOSE OF ACTION

Nemont Telephone Coop. has requested a right of way easement from the DNRC. This ROW easement is for the purpose of placing an underground fiber optic telecommunication line across the mentioned tract of State Trust Land. This line will replace existing copper line. This line will provide for a communications link between the outlying areas of Richland County.

II. PROJECT DEVELOPMENT

1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

Provide a brief chronology of the scoping and ongoing involvement for this project.

Nemont Telephone Coop. Inc. has requested that the DNRC allow the passage of the new telecommunication line mentioned above across these state owned sections. The total acreage encompassed by this project will be 2.28 acres. Said easements will be 20 feet wide 10 feet on each side of the centerline. This line will be located along Highway 16 and the F&M access road. The line will be constructed using the rip/trench method. All topsoil removed during the trenching process will be replaced.

2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

None

3. ALTERNATIVES CONSIDERED:

Alternative A- Grant Easement requested by the proponent for the purpose of construction, maintenance and operation of the buried fiber optic telecommunication line.

Alternative B- No Action.

III. IMPACTS ON THE PHYSICAL ENVIRONMENT

- *RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.*
- *Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.*
- *Enter "NONE" If no impacts are identified or the resource is not present.*

4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.

Alternative A- Disturbance of the soil will occur through the trenching and burying of this line, but effects should be minimal. There should be no lasting adverse effects to the soil quality, stability or moisture. Most of the soil structures are not fragile or unstable.

Alternative B-No Impact

5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.

Alternative A- No Impacts expected

Alternative B- No Impact

6. AIR QUALITY:

What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.

Alternative A- Pollutants and Particulates may be increased during the construction of the project. After the completion of the project pollutant and particulate levels should return to normal preconstruction levels. Increase in pollutants during construction should be almost negligible.

Alternative B- No Impact

7. VEGETATION COVER, QUANTITY AND QUALITY:

What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.

Alternative A- Where the construction takes place there may be disturbance to the vegetation cover. Potential disruption to the vegetative community within the area of construction could be expected. This disruption would come in the action of clearing and construction. Current plant species which occupy the construction area include Western Wheatgrass (*Agropyron Smithii*), Green Needlegrass (*Stipa Viridula*), Blue Bunch Wheatgrass (*Agropyron Spicatum*), Prairie Sandreed (*Calamovilfa longifolia*), Needle and Thread (*Stipa comata*), Prairie Junegrass (*Koleria pyramidata*), Blue Grama (*Bouteloua gracilis*), Sandberg Bluegrass (*Poa secunda*), Big Sagebrush (*Artemisia tridentata*), Silver Sagebrush (*Artemisia cana*), Fringed Sagewort (*Artemisia frigida*), Broom Snakeweed (*Gutierrezia sarothrae*), Downy Brome (*Bromus tectorum*) and Japanese Brome (*Bromus japonicus*). The disturbance of these plant species should be minimal and the area should revegetate naturally within 2 years.

Alternative B- No Impact

8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:

Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.

Alternative A- There should be very minimal effect on any animal habitats within the boundaries of the project construction. Wildlife may be temporarily disturbed during the construction of the project. After completion of the project wildlife usage should return to pre-construction levels.

Alternative B- No Impact

9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:

Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.

Alternative A- A search of the Montana Natural Heritage Database showed observations of Townsends Long-eared Bat, Franklins Gull and Least Tern in the general area of the project. This species should not be negatively impacted due to the minimal disturbance and temporary disturbance of the project

Alternative B- No Impact

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

Identify and determine effects to historical, archaeological or paleontological resources.

Alternative A-There is a recorded historical site on T27N-R56E-23 (24RL0290). Comprised of various stone circles and rock cairns. This site is located approximately one mile north of the project area and will not be impacted by construction. A search of the TLMS database showed no other noted historical or archeological sites within the project area.

Alternative B- No Impact

11. AESTHETICS:

Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.

Alternative A-Nemont Telephone Co-op will need to be able to perform maintenance on the communication line from time to time. This should not be a significant impact. Any aesthetic degradation will only be temporary until the site recovers. No above ground structures will be located within the project area.

Alternative B- No Impact

12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:

Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.

Alternative A- No Impacts expected

Alternative B- No Impact

13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:

List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.

None

IV. IMPACTS ON THE HUMAN POPULATION

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| <ul style="list-style-type: none">• RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.• Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.• Enter "NONE" if no impacts are identified or the resource is not present. |
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14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project.

Alternative A- There may be risks to human health and safety in the construction of the project, but this should be done by qualified professionals. Safety concerns should be minimized with proper safety protocol employed by the workers.

Alternative B- There may be less communication availability in the remote rural area. This could lead to safety and emergency problems. Impacts expected.

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

Identify how the project would add to or alter these activities.

Alternative A- It should have a positive effect on Industrial, Commercial and Agricultural Activities and Production.

Alternative B- No Impact

16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:

Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.

Alternative A- This project has the potential to create jobs with further development possibilities.

Alternative B- No Impact

17. LOCAL AND STATE TAX BASE AND TAX REVENUES:

Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.

Alternative A- No Impacts expected

Alternative B- No Impact

18. DEMAND FOR GOVERNMENT SERVICES:

Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services

Alternative A- No Impact expected

Alternative B- No Impact

19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:

List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.

Alternative A- No Impacts expected

Alternative B- No Impact

20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:

Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.

Alternative A- No Impacts expected

Alternative B- No Impact

21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:

Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing.

Alternative A- No Impacts expected

Alternative B- No Impact

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

Alternative A- No Impacts expected

Alternative B- No Impact

23. CULTURAL UNIQUENESS AND DIVERSITY:

How would the action affect any unique quality of the area?

Alternative A- No Impacts expected

Alternative B- No Impact

24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:

Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.

Alternative A- The permanent easement price will be set at \$300.00 per acre for a total easement price of \$ 2859.00.

Alternative B- No Impact

EA Checklist Prepared By:	Name: Scott Aye	Date: 6-25-2013
	Title: Land Use Specialist	

V. FINDING

25. ALTERNATIVE SELECTED:

Alternative A

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

The granting of the requested right of way easement across state owned trust lands for the proposed Nemont Telephone Cooperative Culbertson/Bainville fiber optic communication line project should not result in nor cause significant environmental impacts. The predicted impacts will be adequately mitigated through the construction and reclamation plans. The proposed action satisfies the trusts fiduciary mandate and ensures the long term productivity of the land. An environmental assessment checklist is the appropriate level of analysis for the proposed action

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

☐ EIS

 ☐ More Detailed EA

 ☒ No Further Analysis

EA Checklist Approved By:	Name: Marc Aberg
	Title: ELO Lands Program Manager
Signature:	Date: